

Chief Secretary's Office, Adelaide, January 27th, 1891.

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information. J. C. BRAY, Chief Secretary.

Return of Births and Deaths registered in South Australia in the Month of December, 1885-1890.

Years .....	1885.	1886.	1887.	1888.	1889.	Average of Five Years.	1890.												Total for 1890.
* Population, Dec. 1	309,374	307,873	311,953	312,100	317,909	781	323,057												10,364
Births....	872	779	780	726	746	781	744												
Rate per ce t. ....	·281	·253	·250	·233	·235	—	·230												
Deaths—							All Ages.	Under 1 year.	1 and under 5.	6 and under 20	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	Inquest cases	Uncerti- fied causes of Death.		
All causes .....	469	424	383	338	319	387	325	94	27	35	37	49	74	9	—	27	12	3,923	
Rate per cent. ....	·151	·137	·122	·108	·100	—	·101	—	—	—	—	—	—	—	—	—	—		
Diseases—																			
i. Specific Febrile or Zymotic ..	121	103	80	66	74	—	52	28	7	14	2	1	—	—	—	—	—		
ii. Parasitic .....	1	4	2	3	1	—	1	—	—	—	1	—	—	—	—	—	—		
iii. Dietic .....	6	12	15	12	4	—	7	5	—	—	1	1	—	—	—	—	—		
iv. Constitutional..	54	49	60	48	46	—	47	4	2	4	13	13	11	—	—	—	—		
v. Developmental..	23	33	32	31	30	—	20	5	—	—	—	—	10	5	—	—	—		
vi. Local .....	202	171	151	136	128	—	161	36	16	10	18	28	50	3	—	—	—		
vii. Violence .....	21	25	16	15	19	—	18	2	2	5	2	4	2	1	—	—	—		
viii. Ill-defined and not specified causes .....	41	27	27	27	17	—	19	14	—	2	—	2	1	—	—	—	—		

\* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), which at last census was 4,521, and also the aborigines, which at last census was 6,346.

Causes of Deaths registered in the Month of December, 1890.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Other constitutional diseases	1	2	Accidents of childbirth....	—	2
Measles .....	—	—	V.			Diseases of locomotive sys- tem .....	—	1
Scarlet fever .....	—	—	Premature birth.....	4	—	Diseases of integumentary system.....	—	—
Relapsing fever .....	—	—	Cyanosis .....	—	—	VII.		
Influenza .....	—	—	Congenital defects .....	1	—	(Accident.)		
Whooping-cough .....	8	1	Old age .....	—	15	Fracture and contusion....	—	5
Diphtheria .....	1	14	VI.			Gunshot wound .....	—	—
Simple and ill-defined fever..	—	—	Apoplexy .....	—	8	Cut, stab .....	—	—
Enteric fever .....	—	2	Epilepsy .....	—	—	Burn and scald .....	—	1
Simple cholera .....	—	1	Convulsions .....	7	1	Poison .....	—	2
Diarrhoea, dysentery.....	18	3	Other diseases of brain and nervous system .....	7	12	Drowning .....	—	6
Remittent fever .....	—	—	Diseases of organs of special sense .....	1	—	Suffocation .....	1	—
Venereal affections.....	—	—	Diseases of circulatory sys- tem .....	—	30	Otherwise .....	1	—
Erysipelas .....	1	—	Croup .....	—	3	(Homicide.)		
Pyæmia and septicæmia ....	—	1	Bronchitis .....	9	12	Murder and manslaughter..	—	—
Puerperal fever .....	—	2	Pneumonia .....	4	12	(Suicide.)		
Other zymotic diseases .....	—	—	Pleurisy .....	—	—	Gunshot wound.....	—	1
II.			Other diseases of respiratory system .....	1	4	Cut, stab .....	—	—
Thrush .....	—	—	Dentition .....	—	1	Poison .....	—	—
Worms and other parasitical diseases .....	—	1	Quinsy, sore throat .....	—	—	Drowning .....	—	1
III.			Enteritis .....	5	5	Hanging .....	—	—
Privation—want of breast milk	5	—	Peritonitis .....	—	3	Otherwise .....	—	—
Delirium Tremens .....	—	2	Diseases of liver .....	1	5	VIII.		
IV.			Other diseases of digestive system.....	—	13	Dropsy .....	—	—
Rheumatic fever and rheuma- tism of heart .....	—	1	Diseases of lymphatic sys- tems and of ductless glands	—	1	Debility, atrophy, inanition	12	1
Rheumatism .....	—	—	Diseases of urinary system	—	10	Mortification .....	—	—
Gout .....	—	2	Diseases of generative sys- tem .....	1	2	Tumor .....	—	—
Cancer, malignant disease ....	—	13				Abscess .....	1	—
Tabes mesenterica .....	2	—				Hæmorrhage .....	—	—
Tubercular meningitis .....	1	1				Sudden, cause unascertained	—	—
Phthisis .....	—	17				Other ill-defined and not specified causes .....	1	4
Scrofula tuberculosis .....	—	7						

## Return of Births and Deaths registered in City of Adelaide in the Month of December, 1885-90.

Years .....	1885.	1886.	1887.	1888.	1889.	Average of Five Years.	1890.											Total for 1890.
Population, Jan. 1st	43,969	45,333	42,904	43,527	43,750		44,581											
Births .....	90	86	108	92	65	88	77											1,127
Rate per cent.....	·205	·190	·252	·211	·149	—	·173											
<i>Deaths—</i>							All Ages.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	Inquest cases.	Uncerti- fied causes of death.	
All causes .....	88	101	115	73	85	92	87	23	3	9	11	17	22	2	—	3	1	1,005
Rate per cent.....	·200	·223	·268	·168	·194	—	·195	—	—	—	—	—	—	—	—	—	—	
<i>Diseases—</i>																		
I. Specific Febrile or Zymotic ..	21	28	20	7	14	—	8	5	—	3	—	—	—	—	—	—	—	
II. Parasitic .....	—	2	—	1	1	—	1	—	—	—	1	—	—	—	—	—	—	
III. Dietic .....	4	7	12	5	2	—	3	3	—	—	—	—	—	—	—	—	—	
IV. Constitutional ..	7	13	22	11	23	—	17	—	—	2	4	8	3	—	—	—	—	
V. Developmental...	6	9	12	12	11	—	8	3	—	—	—	—	4	1	—	—	—	
VI. Local .....	44	33	41	31	27	—	44	9	3	2	6	9	14	1	—	—	—	
VII. Violence .....	1	6	2	2	4	—	3	—	—	2	—	—	1	—	—	—	—	
VIII. Ill-defined and not specified causes ....	5	3	6	4	3	—	3	3	—	—	—	—	—	—	—	—	—	

## Causes of Deaths registered in the Month of December, 1890.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Scrofula tuberculosis ....	—	4	Accidents of childbirth ....	—	1
Measles .....	—	—	Other constitutional diseases	—	1	Diseases of locomotive system	—	1
Scarlet fever .....	—	—	V.			Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—	Premature birth .....	2	—	VII. (Accident.)		
Influenza .....	—	—	Cyanosis .....	—	—	Fracture and contusion ....	—	1
Whooping-cough .....	1	—	Congenital defects .....	1	—	Gunshot wound .....	—	—
Diphtheria .....	—	2	Old age .....	—	5	Cut, stab .....	—	—
Simple and ill-defined fever ..	—	—	VI.			Burn and scald .....	—	—
Enteric fever .....	—	1	Apoplexy .....	—	3	Poison .....	—	1
Simple cholera .....	—	—	Epilepsy .....	—	—	Drowning .....	—	1
Diarrhoea, dysentery .....	4	—	Convulsions .....	1	—	Suffocation .....	—	—
Remittent fever .....	—	—	Other diseases of brain and nervous system .....	2	5	Otherwise .....	—	—
Venereal affections .....	—	—	Diseases of organs of special sense .....	—	—	(Homicide.)		
Erysipelas .....	—	—	Diseases of circulatory system	—	10	Murder and manslaughter ..	—	—
Pyæmia and septicæmia ....	—	—	Croup .....	—	—	(Suicide.)		
Puerperal fever .....	—	—	Bronchitis .....	2	—	Gunshot wound .....	—	—
Other zymotic diseases .....	—	—	Pneumonia .....	2	3	Cut, stab .....	—	—
II.			Pleurisy .....	—	—	Poison .....	—	—
Thrush .....	—	—	Other diseases of respiratory system .....	1	—	Drowning .....	—	—
Worms and other parasitical diseases .....	—	1	Dentition .....	—	—	Hanging .....	—	—
III.			Quinsy, sore throat .....	—	—	Otherwise .....	—	—
Privation—want of breast milk	3	—	Enteritis .....	1	3	VIII.		
Alcoholism .....	—	—	Peritonitis .....	—	1	Dropsy .....	—	—
IV.			Diseases of liver .....	—	2	Debility, atrophy, inanition	3	—
Rheumatic fever and rheumatism of heart .....	—	—	Other diseases of digestive system .....	—	1	Mortification .....	—	—
Rheumatism .....	—	—	Diseases of lymphatic systems and of ductless glands	—	—	Tumor .....	—	—
Gout .....	—	—	Diseases of urinary system	—	4	Abscess .....	—	—
Cancer, malignant disease ..	—	5	Diseases of generative system	—	1	Hæmorrhage .....	—	—
Tabes mesenterica .....	—	—				Sudden, cause unascertained	—	—
Tubercular meningitis .....	—	1				Other ill-defined and not specified causes .....	—	—
Phthisis .....	—	6						



*Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of December, 1890.*

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres.....	3,632	573	659	552	718	480	650
Estimated population January 1st .....	44,581	8,096	8,718	9,177	9,320	4,018	5,252
Persons to an acre .....	12·3	14·1	13·2	16·6	13·0	8·4	8·1
Births .....	77	9	9	23	20	5	11
Male .....	44	5	4	12	11	3	9
Female .....	33	4	5	11	9	2	2
Deaths .....	77	13	14	12	24	8	6
Male .....	43	6	8	8	14	4	3
Female .....	34	7	6	4	10	4	3
CLASSES.							
i. Specific Febrile or Zymotic Diseases .....	8	1	—	3	1	1	2
ii. Parasitic Diseases .....	1	1	—	—	—	—	—
iii. Dietic Diseases .....	3	1	—	—	2	—	—
iv. Constitutional Diseases .....	14	2	3	1	3	3	2
v. Developmental Diseases .....	7	2	1	—	3	—	1
vi. Local Diseases .....	38	5	7	8	13	4	1
vii. Violence .....	3	—	3	—	—	—	—
viii. Ill-defined and not specified causes .....	3	1	—	—	2	—	—
Percentage of Deaths to population of each Ward .....	·173	·161	·161	·131	·258	·199	·114

*Causes of Deaths registered in the Month of December, 1890.*

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Phthisis .....	—	6	Accidents of childbirth ....	—	—
Measles .....	—	—	Scrofula tuberculosis .....	—	3	Diseases of locomotive system .....	—	—
Scarlet fever .....	—	—	Other constitutional diseases.	—	1	Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—						
Influenza .....	—	—	V.					
Whooping-cough .....	1	—	Premature birth .....	2	—			
Diphtheria .....	—	2	Cyanosis .....	—	—	VII.		
Simple and ill-defined fever ..	—	—	Congenital defects .....	1	—	(Accident.)		
Enteric fever .....	—	1	Old age .....	—	4	Fracture and contusion ....	—	1
Simple cholera .....	—	—				Gunshot wound .....	—	—
Diarrhoea, dysentery .....	4	—	VI.			Cut, stab .....	—	—
Remittent fever .....	—	—	Apoplexy .....	—	3	Burn and scald .....	—	—
Venereal affections .....	—	—	Epilepsy .....	—	—	Poison .....	—	1
Erysipelas .....	—	—	Convulsions .....	1	—	Drowning .....	—	1
Pyæmia and septicæmia ....	—	—	Other diseases of brain and nervous system .....	2	3	Suffocation .....	—	—
Puerperal fever .....	—	—	Diseases of organs of special sense .....	—	—	Otherwise .....	—	—
Other zymotic diseases .....	—	—	Diseases of circulatory system .....	—	10	(Homicide.)		
			Croup .....	—	—	Murder and manslaughter ..	—	—
II.			Bronchitis .....	2	—	(Suicide.)		
Thrush .....	—	—	Pneumonia .....	2	3	Gunshot wound .....	—	—
Worms and other parasitical diseases .....	—	1	Pleurisy .....	—	—	Cut, stab .....	—	—
			Other diseases of respiratory system .....	1	—	Poison .....	—	—
III.			Dentition .....	—	—	Drowning .....	—	—
Privation — Want of breast milk .....	3	—	Quinsy, sore throat .....	—	—	Hanging .....	—	—
Alcoholism .....	—	—	Enteritis .....	1	3	Otherwise .....	—	—
			Peritonitis .....	—	1	VIII.		
IV.			Diseases of liver .....	—	2	Dropsy .....	—	—
Rheumatic fever and rheumatism of heart .....	—	—	Other diseases of digestive system .....	—	—	Debility, atrophy, inanition .....	3	—
Rheumatism .....	—	—	Diseases of lymphatic systems and of ductless glands ....	—	—	Mortification .....	—	—
Gout .....	—	—	Diseases of urinary system ..	—	3	Tumor .....	—	—
Cancer, malignant disease ..	—	3	Diseases of generative system ..	—	1	Abscess .....	—	—
Tabes mesenterica .....	—	—				Hæmorrhage .....	—	—
Tubercular meningitis .....	—	1				Sudden, cause unascertained. ..	—	—
						Other ill-defined and not specified causes .....	—	—

G. H. AYLIFFE, Registrar-General of Births and Deaths.

## DECEMBER, 1890.

The highest temperature in the shade at the Adelaide Observatory during the month was 95°·6 on the 5th; and the lowest, 48°·5, on the 8th. The mean temperature of the month was 69°·4.

The greatest range of the thermometer in one day, 35°·4, took place on the 20th, viz., from a maximum of 86°7 to a minimum of 51°·3, the lowest range, 15°·0, on the 22nd.

The mean height of the barometer was 29·853 inches; the maximum, 30·163 inches, occurred on the 8th; and the minimum, 29·388 inches, on the 28th.

Observatory, Adelaide, January 12th, 1891.

C. TODD, Observer.

*Births and Deaths registered in the under-mentioned corporate towns in the Quarter ended December 31st, 1890.*

Corporate Towns.	Estimated Population Oct. 1st, 1890.	Registered during Quarter.			The Deaths registered in the Quarter include Deaths from—								
		Births.	Deaths.		Measles.	Scarlet Fever.	Diph- theria	Whooping Cough.	Enteric Fever.	Diarrhœa and Dysentery.	Diseases of Respira- tory System.	Phthisis.	Diseases of Circula- tory System.
			Total.	Under One Year.									
Adelaide .....	44,995	261	212	40	—	—	11	2	2	5	28	12	27
Hindmarsh .....	7,941	71	34	9	—	—	3	2	—	2	5	—	4
Thebarton .....	2,844	29	12	3	—	—	1	—	—	2	2	1	2
Port Adelaide .....	5,889	43	21	9	—	—	1	—	1	—	3	1	1
Semaphore .....	6,099	63	19	6	—	—	1	—	—	2	1	2	1
Glenelg .....	3,187	16	11	1	—	—	—	—	—	—	1	—	3
Brighton .....	900	3	1	1	—	—	—	—	—	—	—	—	—
Unley .....	9,785	101	23	7	—	—	1	2	—	2	3	3	—
St. Peters .....	4,464	47	21	9	—	—	—	1	—	4	2	4	3
Norwood and Kensington .....	11,798	112	45	11	—	—	2	2	—	1	1	7	10
Gawler .....	2,119	12	6	1	—	—	—	—	—	1	1	1	2
Kapunda .....	2,675	20	12	1	—	—	—	—	—	—	3	—	3
Burra .....	3,096	18	12	3	—	—	—	—	—	1	4	—	3
Clare .....	1,322	3	3	—	—	—	—	—	—	—	—	—	—
Jamestown .....	1,162	11	9	4	—	—	—	3	—	1	3	1	—
Port Augusta .....	1,539	16	5	1	—	—	—	1	—	—	—	—	—
Port Pirie .....	2,356	42	10	3	—	—	—	2	—	—	2	—	—
Kadina .....	1,775	13	4	3	—	—	—	—	—	3	—	—	—
Moonta .....	1,656	18	5	1	—	—	1	—	—	1	—	—	1
Walleroo .....	2,186	14	10	2	—	—	—	—	—	—	—	1	1
Goolwa .....	802	6	1	—	—	—	—	—	—	—	—	1	—
Strathalbyn .....	901	5	1	—	—	—	—	—	—	—	1	—	—
Mount Gambier .....	2,804	24	16	2	—	—	1	—	—	—	3	3	2

GEO. H. AYLIFFE, Registrar-General.